Title (en)

LAMP FOR VEHICLE AND METHOD FOR CONTROLLING THE SAME

Title (de)

LAMPE FÜR FAHRZEUG UND VERFAHREN ZUR STEUERUNG DAVON

Title (fr)

LAMPE POUR VÉHICULE ET SON PROCÉDÉ DE COMMANDE

Publication

EP 3343096 A1 20180704 (EN)

Application

EP 17210171 A 20171222

Priority

KR 20160180426 A 20161227

Abstract (en)

A vehicle lamp (800) includes: a light source unit (810) including at least one light source configured to generate light; a lens (850) that is arranged closer to a front of the vehicle lamp (800) as compared to the light source unit (810), the lens (850) configured to transmit the light generated by the light source unit (810) ; and a shield (840) that is arranged between the light source unit (810) and the lens (850), and configured to receive the light generated by the light source and allow at least a portion of the received light to pass therethrough, wherein the shield (840) includes a plurality of pixels having respective light transmittances that are configured to be variably controlled, and wherein each of the plurality of pixels is configured to allow independent control of respective light transmittances.

IPC 8 full level

F21S 41/64 (2018.01); **B60Q 1/14** (2006.01); **F21S 41/143** (2018.01); **F21S 41/145** (2018.01); **F21S 41/148** (2018.01); **F21S 41/16** (2018.01); **F21S 41/162** (2018.01); **F21S 41/255** (2018.01); **F21S 41/689** (2018.01); **F21S 41/698** (2018.01); G01S 13/931 (2020.01); G01S 15/931 (2020.01); G01S 17/931 (2020.01)

CPC (source: CN EP KR US)

B60Q 1/02 (2013.01 - US); **B60Q 1/143** (2013.01 - EP US); **F21S 41/143** (2017.12 - EP US); **F21S 41/145** (2017.12 - EP US); **F21S 41/148** (2017.12 - EP US); **F21S 41/16** (2017.12 - EP US); **F21S 41/162** (2017.12 - EP US); **F21S 41/255** (2017.12 - EP US); **F21S 41/285** (2017.12 - US); **F21S 41/36** (2017.12 - US); **F21S 41/40** (2017.12 - US); **F21S 41/645** (2017.12 - EP US); **F21S 41/68** (2017.12 - US); **F21S 41/683** (2017.12 - KR); **F21S 41/689** (2017.12 - EP US); **F21S 41/698** (2017.12 - EP US); **F21S 43/26** (2017.12 - US); **F21S 43/31** (2017.12 - US); **F21V 23/003** (2013.01 - CN); **F21V 23/0442** (2013.01 - KR); **H05B 47/10** (2020.01 - KR); B60Q 1/0047 (2013.01 - US); B60Q 1/20 (2013.01 - US); B60Q 1/32 (2013.01 - US); B60Q 1/34 (2013.01 - US); B60Q 1/44 (2013.01 - US); B60Q 2300/054 (2013.01 - US); B60Q 2300/132 (2013.01 - EP US); B60Q 2300/14 (2013.01 - US); B60Q 2300/21 (2013.01 - EP US); B60Q 2300/314 (2013.01 - EP US); B60Q 2300/334 (2013.01 - EP US); B60Q 2300/42 (2013.01 - EP US); B60Q 2300/45 (2013.01 - EP US); F21W 2102/13 (2017.12 - EP US); F21W 2102/14 (2017.12 - EP US); F21W 2107/00 (2017.12 - KR); G01S 13/931 (2013.01 - US); G01S 15/931 (2013.01 - US); G01S 17/931 (2020.01 - US)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3343096 A1 20180704; **EP 3343096 B1 20220309**; CN 108253375 A 20180706; CN 108253375 B 20201023; KR 101916725 B1 20181108; KR 20180076211 A 20180705; US 10422500 B2 20190924; US 2018180243 A1 20180628

DOCDB simple family (application)

EP 17210171 A 20171222; CN 201711422554 A 20171225; KR 20160180426 A 20161227; US 201715816715 A 20171117